

400G helps XL Axiata accelerate Indonesia's digital economy



High-speed Internet is expected to fuel Indonesia's economy by contributing as much as \$150 billion to its GDP by 2025. XL Axiata is upgrading its nationwide network with the [Juniper 400G solution](#) as it rolls out 5G and fiber to the home to meet the fast-growing demand for digital services.

OVERVIEW

Company	XL Axiata
Industry	Service Provider
Products Used	MX240, MX480, MX960, MX2020
Region	APAC

CUSTOMER SUCCESS AT-A-GLANCE

400G

Scale core network to support 5G and fiber to the home

Simplify

Improve network agility, control, and application awareness

233 million

Number of mobile users in Indonesia predicted by 2026

Mitigate operational risk

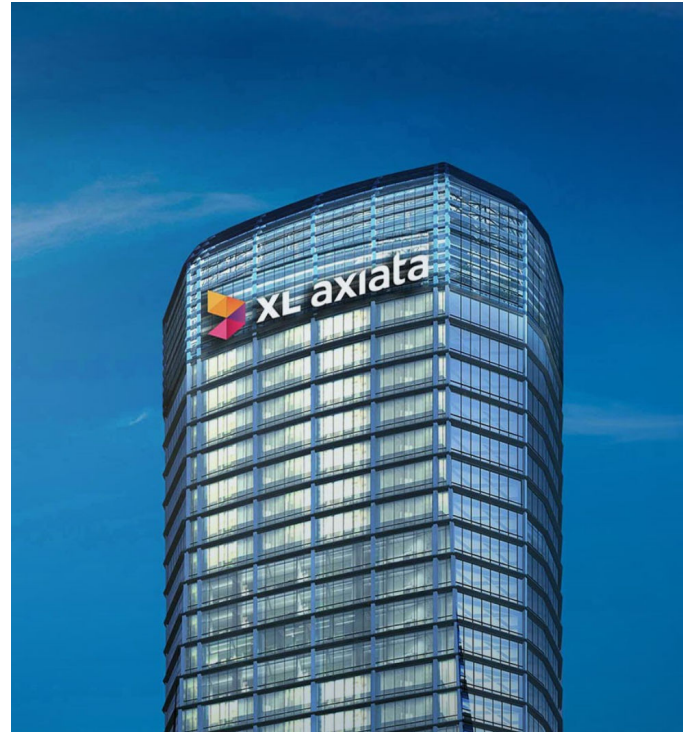
Smooth migration from MPLS to Segment Routing IPv6

CHALLENGE

Accelerate digital transformation of Indonesia

XL Axiata, with a long history of building high-performance networks in Indonesia, is at the forefront of the country's digital transformation. Indonesia's digital roadmap calls for expanding 4G wireless service into tens of thousands of new areas while also embarking on its 5G service rollout.

To meet the growing demand for mobile and Internet services, XL Axiata is upgrading its Juniper network to 400G and Segment Routing IPv6 (SRv6). The company aims to provide high-speed internet to support and improve the performance of its enterprise offerings. This includes providing secure and reliable connectivity services to cloud and data center solutions, allowing enterprise customers to easily store data and increase team productivity in a secure and integrated manner. Enterprises will also benefit from dedicated connections to highly secure branches and data centers, which will better safeguard customer data with high bandwidth. Furthermore, XL Axiata will be able to provide comprehensive service management with a SLA of 99.5%.




SOLUTION

Scalable, operationally intelligent network

A veteran Juniper customer, XL Axiata decided to expand its use of Juniper solutions as it embarked on its FTTH and 5G deployment journey.

“Juniper’s 400G and SRv6 routing solutions deliver the greater levels of reliability, scalability and simplified network operations we needed to move quickly with new, competitive Internet and 5G deployments,” says Fadly Hamka, group head - network planning and design at the XL Axiata.

XL Axiata is migrating from MPLS to SRv6, with Juniper’s portfolio of 400G MX Series Universal Routing Platforms. The new network will deliver high performance and unprecedented scale, allowing XL Axiata to deliver excellent subscriber experiences as demand for mobile and fiber Internet rises.

As the first customer to deploy Juniper’s SRv6 solution, XL Axiata worked closely with Juniper Professional Services on the design and implementation to help ensure a successful migration and interoperability with its existing MPLS network.


OUTCOME

Bringing world-class connectivity to Indonesia

Investment in high-speed networks, including expanding 4G and rolling out 5G, is a strategic pillar in Indonesia’s digital economy and post-pandemic recovery plans, and XL Axiata now has a modern network ready to meet the latest digital needs of consumers and businesses.

Juniper 400G and SRv6 deliver new levels of agility, scale, and control. A phased deployment preserves the company’s capital investment and operational knowledge in Juniper routing, mitigating the risk of change as it meets heightened demands.

“With Juniper we can prepare for 5G and the future,” says Beny Dwi Setyawan, head of transport at XL Axiata. “We gain greater capacity and automation capabilities while preserving our operational knowledge.”



“Alongside Juniper, we look forward to supporting Indonesia’s digital economy and providing our customers with high-speed, on-demand, low-latency connectivity for 5G services.”

Fadly Hamka
Group Head - Network Planning and Design, XL Axiata

Corporate and Sales Headquarters

Juniper Networks, Inc.
1133 Innovation Way
Sunnyvale, CA 94089 USA

Phone: 888.JUNIPER (888.586.4737)

or +1.408.745.2000

www.juniper.net

APAC and EMEA Headquarters

Juniper Networks International B.V.
Boeing Avenue 240 1119 PZ Schiphol-
Rijk

Amsterdam, The Netherlands

Phone: +31.207.125.700

JUNIPER NETWORKS | **Driven by Experience**

Copyright 2024 Juniper Networks, Inc. All rights reserved. Juniper Networks, the Juniper Networks logo, Juniper, and Junos are registered trademarks of Juniper Networks, Inc. in the United States and other countries. All other trademarks, service marks, registered marks, or registered service marks are the property of their respective owners. Juniper Networks assumes no responsibility for any inaccuracies in this document. Juniper Networks reserves the right to change, modify, transfer, or otherwise revise this publication without notice.